

Title (en)  
Apparatus for muscle stimulation.

Title (de)  
Gerät zur Reizung von Muskeln.

Title (fr)  
Appareil stimulateur de muscles.

Publication  
**EP 0145503 A2 19850619 (EN)**

Application  
**EP 84308744 A 19841214**

Priority  
US 56177083 A 19831215

Abstract (en)  
A system for stimulating control contraction of a deeply buried muscle (81) includes electrodes (74b) and (75b) which are spaced apart on the surface of an area of skin about the muscle. The electrodes are excited by stimulation signals having amplitudes and waveforms for stimulating contraction of the muscle without stimulating an overlying superficial muscle (80).

IPC 1-7  
**A61N 1/36**

IPC 8 full level  
**A61N 1/32** (2006.01); **A61F 2/68** (2006.01); **A61N 1/36** (2006.01)

CPC (source: EP US)  
**A61N 1/36003** (2013.01 - EP US)

Cited by  
EP0506398A1; AU729913B3

Designated contracting state (EPC)  
CH DE FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0145503 A2 19850619; EP 0145503 A3 19870916**; CA 1264814 A 19900123; JP S60153875 A 19850813; US 4580569 A 19860408

DOCDB simple family (application)  
**EP 84308744 A 19841214**; CA 468456 A 19841123; JP 26516784 A 19841215; US 56177083 A 19831215